Coextruded, heatsealable and peelable polyester film, process for its production and its use

The invention relates to a coextruded, peelable, transparent and biaxially oriented polyester film having a base layer (B) and at least one top layer (A) applied to this base layer (B). The top layer (A) is heatsealable and features easy to moderate peelability, in particular to CPET trays (CPET = crystalline PET). The heatsealable and peelable top layer (A) comprises polyester based on aromatic and aliphatic acids and aliphatic diols. In addition, the top layer (A) comprises a polyester-incompatible polymer (anti-PET polymer) in a certain concentration. The invention further relates to a process for producing the film and to its use.

For ready-prepared meals, there are currently double-figure growth rates in Europe. The ready-prepared meals are transferred to trays after their preparation (cf. figure 1). A film which is heatsealed to the edge of the tray seals the packaging and protects the ready-prepared meal from external influences. The ready-prepared meals are suitable, for example, for heating in a microwave, for heating in a conventional oven or for heating in a microwave and in a conventional oven. In the latter case, the ready-prepared meal and the packaging have to be "dual ovenable" (= suitable for microwave and conventional ovens). As a consequence of the temperatures existing in the conventional oven (up to 220 °C), particularly high demands are made on the packaging material (tray and lid film).